

IN THE CLAIMS

Please cancel Claim 2 without prejudice and amend Claims 1 and 3 as shown in marked-up form below:

1. (Currently Amended) A communications network (1) comprising:
- a plurality of network nodes (2), ~~which include each node~~ including a synchronization circuit (5) for generating a global clock signal from a local clock signal (LT) formed by a clock generator (4) in dependence on a time of reception of a message,
 - a divider arrangement (8) included in the synchronization circuit, for dividing the local clock signal in dependence on at least one divider factor produced by a scaler arrangement (9), and a correction term (KT), and
 - a comparator circuit (10) for forming the correction term by comparing the time of reception of a message and of the local clock signal LT,
- ~~characterized in that wherein~~ the synchronization circuit (5) comprises a divider control (7), which is provided for changing at least one divider factor when the correction term (KT) exceeds a predefined first threshold, and wherein the divider control (7) includes a control unit (12) which is provided for applying a control signal to a divider factor generator (13), for changing the divider factors when the control signal occurs, included in the

divider control (7) when the correction term exceeds the predefined first threshold.

2. (Cancelled)

3. A communications network as claimed in claim 21, ~~characterized in that wherein~~ the synchronization circuit includes a calibration unit (14) which is provided for calibrating the divider factors when the correction term (KT) exceeds a predefined second threshold, which is larger than the first threshold.